

<p style="text-align: center;"><b>Substitute for form 1449A/PTO</b></p> <p><b>INFORMATION DISCLOSURE</b></p> <p><b>STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				<b>Complete If Known</b>	
Sheet	1	of	4	Application Number	10/071,980
				Filing Date	February 6, 2002
				First Named Inventor	Andrew L. Norrell
				Art Unit	2631
				Examiner Name	Torres, Juan A.
				Attorney Docket Number	6491P044

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (If known)			
JAT		US-5,422,929 A	06-06-1995	Hurst et al.	
JAT		US-6,658,049	12-02-2003	McGhee et al.	
		US-6,301,337	10-09-2001	Scholtz et al.	
		US-6,279,769	08-28-2001	Bella, Gregory L.	
		US-6,829,292 B1	12-07-2004	Shenoi, Kishan	
		US-2002/0090026 A1	07-11-2002	Ashley, Francis R.	
		US-2002/0061058 A1	05-23-2002	Sommer, Jeremy	
		US-2003/0051060 A1	03-13-2003	Vitenberg, Roman	
		US-2002/0105964	08-08-2002	Sommer et al.	
		US-6,226,331 B1	05-01-2001	Gambuzza, Michael J.	
		US-5,825,819 A	10-20-1998	Cogburn, Onis	
		US-6,681,012 B1	01-20-2004	Gorcea et al.	
		US-6,751,315 B1	06-15-2004	Liu et al.	
		US-5,678,198	10-14-1997	Lemson, Paul H.	
		US-5,765,097	06-09-1998	Dail, James E.	
		US-6,532,279	03-11-2003	Goodman, David D.	
		US-6,466,656 B1	10-15-2002	Evans et al.	
		US-2002/0106013 A1	08-08-2002	Norrell et al.	
		US-2002/0141569 A1	08-03-2002	Norrell et al.	
JAT		US-2002/0106012 A1	08-08-2002	Norrell et al.	

Examiner Signature		Date Considered	8/23/2006
--------------------	---	-----------------	-----------

*\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.*

*\*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.*

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zalman (wir) 08/11/2003.

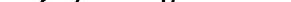
**Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**



Information Disclosure Statement by Applicant <i>(use as many sheets as necessary)</i>				<b>Complete If Known</b>	
				Application Number	10/071,980
				Filing Date	February 6, 2002
				First Named Inventor	Andrew L. Norrell
				Art Unit	2631
				Examiner Name	Torres, Juan A.
				Attorney Docket Number	6491P044
<b>Sheet</b>	<b>2</b>	<b>of</b>	<b>4</b>		

#### **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	3/23/2006
-----------------------	---	--------------------	-----------

*\*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if a Certificate of Priority Translation is attached.*

Based on RTO/SP/02A (09-02) as modified by Blakely, Seitschek, Taylor & Zalman (ver. 09/11/2002)

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

3

of

4

### Complete If Known

Application Number	10/071,980
Filing Date	February 6, 2002
First Named Inventor	Andrew L. Norrell
Art Unit	2631
Examiner Name	Torres, Juan A.
Attorney Docket Number	6491P044

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
JAT		Nilsson, J.W., and Riedel, S.A., "ELECTRIC CIRCUITS", 1996, pages 723-777, Fifth Edition, Addison-Wesley, Reading, MA.	
JAT		Starr, Thomas, et al., "Understanding Digital Subscriber Line Technology, "Prentice Hall PTR, Upper Saddle River, NJ, 07458, 1999, ISBN 0137805454. and 52	PP: 1-49
JAT		Chen, Walter Y., "DSL Simulation Techniques and Standards Development for Digital Subscriber Line Systems", Macmillan Technical Publishing, Indianapolis, Indiana, ISBN 1578700175. PP: 8 - 33	
JAT		"Smart Coil™ - "The line conditioner for the digital age! Smart Coils condition copper pairs for deployment of both ADSL (data) and toll-quality voice services on the same line", Charles a registered Trademark of Charles Industries, LTD., 2 pages.	
JAT		"Testing Inter-Winding Capacitance", Rhombus Industries, Inc., Huntington Beach, California, 1997, 1 page.	
JAT		"Transformer General Parameters for Telecom Magnetic Component", Delta Products Corporation, Fremont, California, 1 page.	
JAT		"Design Idea DI-61 TinySwitch®-II 3 W Charger: <200 mW No-Load Consumption", Power® Integrations, www.powerint.com, March 2004, 2 pages.	

Examiner Signature

Date Considered

3/23/2006

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

\*Applicant's unique citation designation number. \*Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003.  
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 4 of 4

### Complete If Known

Application Number	10/071,980
Filing Date	February 6, 2002
First Named Inventor	Andrew L. Norrell
Art Unit	2631
Examiner Name	Torres, Juan A.
Attorney Docket Number	6491P044

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
JAT		"Lundahl Transformers, Tube amplifier transformers, OPTs, mains, and interstage transformers", <a href="http://www.lundahl.se/tubes.html">http://www.lundahl.se/tubes.html</a> , April 13, 2004, pages 1-7.	
DAT		"TechEncyclopedia", TechWeb, <a href="http://www.techweb.com/encyclopedia/defineterm?term=dsl&amp;x=20&amp;y=5">http://www.techweb.com/encyclopedia/defineterm?term=dsl&amp;x=20&amp;y=5</a> , April 16, 2004, pages 1-4.	
JAT		Grossner, Nathan R., "The Wide-Band Transformer: Synthesis", and "The Pulse Transformer: Analysis", Transformers for Electronic Circuits, Copyright © 1967, by McGraw-Hill, pages 225-252.	

Examiner Signature		Date Considered	3/23/2006
--------------------	--	-----------------	-----------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

\*Applicant's unique citation designation number. \*Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/088 (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.  
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450